

**Remarks/Arguments:**

Claims 1-8 are presently pending. Claims 1 and 8 have been amended. Claim 9 has been newly added. Reconsideration is respectfully requested in view of the above amendments and the following remarks.

**Claim Rejections Under 35 U.S.C. § 102**

Page 2 of the Office Action sets forth "Claims 1-8 are rejected under 35 U.S.C. 102(e) as being anticipated by Kwon et al., (US. Pub: 2005/0052137)." Applicants respectfully submit that these claims are allowable over the cited art for the reasons set forth below.

**Claims 1-3, 6, and 8**

Applicants' invention, as recited by claim 1, includes features which are not disclosed, taught, or suggested by the cited art, namely:

A plasma display panel driven by plural subfields...comprising...

...a writing period during which writing discharging occurs in discharge cells...and...

...a sustaining period during which sustain discharging occurs in the discharging cells in which the writing discharging occurs during the writing period...

...the plasma display panel comprising...

...plural data electrodes disposed on the second substrate...at least one data electrode of the data electrodes being wider at opposite peripheral portions of the second substrate than in a central portion of the second substrate.

This means that a plasma display panel is driven by plural subfields. The subfields include a writing period during which writing discharging occurs and a sustaining period during which sustaining discharging occurs. The plasma display panel includes plural data electrodes disposed on a second substrate. At least one data electrode is wider at opposite peripheral portions of the second substrate than in a central portion of the second substrate. This feature is found in the originally filed

application at page 9, line 14 to page 11, line 19; and page 12, lines 2-23. No new matter is added.

Applicants respectfully submit that the cited art fails to disclose at least the above features of claim 1.

Kwon is directed to a plasma display panel. As illustrated in FIG. 1, Kwon discloses a plasma display panel having a plurality of address electrodes 21 disposed on a second substrate 20. The address electrodes 21 each include an expanded end portion 21a. The width  $W_b$  of each expanded end portion 21a is greater than the width  $W_a$  of each middle portion of each address electrode 21. See Kwon at paragraphs [0035]-[0043], and FIG. 1.

Kwon fails to disclose that the plasma display panel is driven by plural subfields including a writing period and a discharge period. This is different from the claimed invention because claim 1 requires a plasma display panel driven by plural subfields including a writing period and a sustaining period.

Thus, Applicants respectfully submit that Kwon fails to disclose the features of "a plasma display panel driven by plural subfields...comprising...a writing period during which writing discharging occurs in discharge cells...and...a sustaining period during which sustain discharging occurs in the discharging cells in which the writing discharging occurs during the writing period...the plasma display panel comprising...plural data electrodes disposed on the second substrate...at least one data electrode of the data electrodes being wider at opposite peripheral portions of the second substrate than in a central portion of the second substrate," as recited in claim 1.

Accordingly, for the reasons set forth above, claim 1 is allowable over the cited art. Withdrawal of the rejection and allowance of claim 1 is respectfully requested.

Claims 2, 3, and 6 include all of the features of claim 1, from which they depend. Thus, claims 2, 3, and 6 are also allowable over the cited art for at least the reasons set forth above with respect to claim 1. Withdrawal of the rejection and allowance of claims 2, 3, and 6 is respectfully requested.

Applicants respectfully submit that claim 3 includes additional features which are not disclosed, taught, or suggested by the cited art, namely: "the data electrode having the end portion wider than the central portion increases in width continuously from the central portion of the second substrate toward the peripheral portion of the second substrate."

Kwon discloses that address electrode 21 increases in width in a stepwise manner from the middle of the address electrodes 21 to the expanded end portion 21a. See FIG. 1 of Kwon. This is different from the claimed invention because claim 3 recites a data electrode that increases in width continuously from a central portion toward a peripheral portion. Accordingly, claim 3 is allowable over the cited art for at least this additional reason.

Claim 8, while not identical to claim 1, includes features similar to the allowable features discussed above with respect to claim 1. Accordingly, for the reasons set forth above, claim 8 is allowable over the cited art. Withdrawal of the rejection and allowance of claim 8 is respectfully requested.

#### **Claims 4, 5, and 7**

Applicants' invention, as recited by claim 4, includes features which are not disclosed, taught, or suggested by the cited art, namely:

plural data electrodes disposed on the second substrate...wherein data electrodes disposed at opposite peripheral portions of the second substrate are wider than a data electrode disposed in a central portion of the second substrate.

This means that plural data electrodes are disposed on a second substrate. Data electrodes at opposite peripheral portions of the second substrate are wider than a data electrode disposed in a central portion of the second substrate. This feature is found in the originally filed application at FIG. 7A.

Applicants respectfully submit that the cited art fails to disclose at least the above features of claim 4.

Kwon is directed to a plasma display panel. As illustrated in FIG. 2, Kwon discloses a plasma display panel having a plurality of address electrodes 21 disposed on a second substrate 20. Address electrodes 21A and 21Z are formed on the peripheral edge of second substrate 20. The widths  $W_c$  of electrodes 21A and 21Z are greater than the widths  $W_a$  of the middle electrodes 21. See Kwon at paragraphs [0035]-[0043], and FIG. 2.

Kwon discloses only a single electrode 21A and a single electrode 21Z at each end of the data electrodes 21. Kwon fails to disclose multiple electrodes 21A or 21Z. This is different from the claimed invention because claim 4 requires data electrodes disposed at opposite peripheral portions of the second substrate that are wider than a data electrode disposed in a central portion of the second substrate. See also the original application at FIG. 7A.

Thus, Applicants respectfully submit that Kwon fails to disclose the features of "plural data electrodes disposed on the second substrate...wherein data electrodes disposed at opposite peripheral portions of the second substrate are wider than a data electrode disposed in a central portion of the second substrate," as recited in claim 4.

Accordingly, for the reasons set forth above, claim 4 is allowable over the cited art. Withdrawal of the rejection and allowance of claim 4 is respectfully requested.

Claims 5 and 7 include all of the features of claim 4, from which they depend. Thus, claims 5 and 7 are also allowable over the cited art for at least the reasons set forth above with respect to claim 4. Withdrawal of the rejection and allowance of claims 5 and 7 is respectfully requested.

Applicants respectfully submit that claim 5 includes additional features which are not disclosed, taught, or suggested by the cited art, namely: "the plural data electrodes continuously increase in width from the central portion of the second substrate toward the peripheral portion of the second substrate."

Kwon discloses a plurality of address electrodes 21 that are all the same width  $W_a$ , and a single data electrode 21A or 21Z that has a larger width  $W_c$ . Thus, Kwon only discloses that the address electrodes 21 increase in width once from the middle of the substrate to the end of the substrate. See FIG. 2 of Kwon. This is different from the

claimed invention because claim 5 recites the plural data electrodes increase in width continuously from the central portion of the second substrate toward the peripheral portion of the second substrate. Accordingly, claim 5 is allowable over the cited art for at least this additional reason.

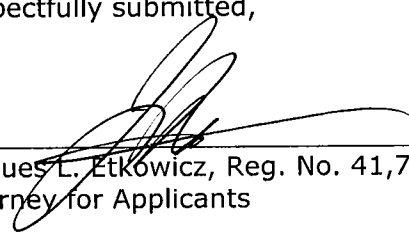
**New Claim 9**

Claim 9 includes all of the features of claim 1, from which it depends. Thus, claim 9 is also allowable over the cited art for at least the reasons set forth above with respect to claim 1.

Claim 9 includes additional features which are not disclosed, taught, or suggested by the cited art, namely: "the at least one data electrode has a middle portion having a first constant width, opposite end portions having a second constant width, and respective tapered portions extending from the middle portion to each of the end portions." This feature is found in the originally filed application in FIG. 4C. Accordingly, claim 9 is allowable over the cited art for at least this additional reason.

In view of the amendments and arguments set forth above, the above-identified application is in condition for allowance, which action is respectfully requested.

Respectfully submitted,



---

Jacques L. Etkowicz, Reg. No. 41,738  
Attorney for Applicants

AJK/sh

Dated: April 19, 2010

P.O. Box 980  
Valley Forge, PA 19482  
(610) 407-0700

FP\_613546